

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-190/19044-88-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
19044-88-3

Code:
M

RTECS:
WO9350000

Code:
M

Name:
ORYZALIN

Other REC Limits:
N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K

Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
IN ENCLOSED SPACES, WEAR NIOSH APPROVED RESPIRATOR FOR ORGANIC SOLVENT VAPORS.

Ventilation:
N/K

Protective Gloves:
IMPERMEABLE

Eye Protection:
GOGGLES

Other Protective Equipment:
Equipment PROTECTIVE EQUIPMENT TO AVOID DIRECT CONTACT W/SKIN. PROTECTIVE CLOTHING SUCH AS COVERALLLS, A LONG SLEEVED SHIRT.

Work Hygienic Practices:
WASH ALL CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:
3 EPA REGISTRATION NUMBER: 1471-112.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 0.5 ML (595 MG/KG)

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: DERMATITIS, RASH, ABSORPTION (HARMFUL), SENSITIZATION. EYES: IRRITATION. INGESTION/INHALATION: HARMFUL.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
N/K

Medical Cond Aggravated By Exposure:
ALLERGIES

First Aid:
EYES: FLUSH W/PLENTY OF WATER. SKIN: WASH W/PLENTY OF SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE CPR. INGESTION: DON'T INDUCE VOMITING. IF AVAILABLE, GIVE ACTIVATED CHARCOAL 6-8 HEAPING TEASPOONFULS W/PLENTY OF WATER. DON'T GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
USE ABSORBENT MATERIAL TO CONTAIN LIQUID & DISPOSE AS WASTE. DON'T CONTAMINATE ANY BODY OF WATER. CLEAN UP SMALL SPILLS W/A SUITABLE ABSORBENT MATERIAL. PLACE MATERIAL & DAMAGED UNUSABLE CONTAINERS IN A LANDFILL FOR PESTICIDES TO COMPLY W/ALL REGS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
TRIPLE RINSE (OR EQUIVALENT). OFFER FOR RECYCLING OR RECONDITIONING, PUNCTURE & DISPOSE OF IN A SANITARY LANDFILL, OR INCINERATION, OR, IF ALLOWED BY STATE & LOCAL AUTHORITIES, BY 2 BURNING. IF BURNED, STAY OUT OF SMOKE. DON'T CONTAMINATE LAND/POND/ETC

Handling And Storage Precautions:
DON'T APPLY DIRECTLY TO WATER OR WETLAND. DON'T CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. COVER OR INCORPORATE SPILLS.

Other Precautions:
AVOID SPRAY MIST & CONTACT W/SKIN OR EYES. DON'T CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. PESTICIDE WASTES ARE TOXIC. IMPROPER DISPOSAL OF EXCESS PESTICIDE, SPRAY MIXTURE, OR RINSATE IS A VIOLATION OF FEDERAL LAW.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
>200F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
N/K

Fire Fighting Procedures:
SURFLAN A.S. IS A WATER BASED SUSPENSION AND WILL NOT BURN.

Unusual Fire/Explosion Hazard:
N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F/100C

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
23

Vapor Density:
1.178

Volatile Org Content %:

Spec Gravity:
1.138-1.239

VOC Pounds/Gallon:

PH: 5-6.8

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
MISCIBLE

Appearance and Odor:
BRIGHT ORANGE OPAQUE LIQUID W/SLIGHT AROMATIC ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
N/K

Hazardous Decomposition Products:
IF PRODUCT IS ALLOWED TO DRY, IT WILL EMIT TOXIC VAPORS AS IT BURNS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P